

CLAIMS

What is claimed is:

1. A musical and illuminating jump rope, comprising:

- a first handle;

- a second handle;

- a hollow flexible tubing element formed of a light transmissive material, said tubing element connected between said first and second handles;

- a plurality of light emitting diodes spaced and positioned within said tubing element;

- a speaker disposed within said first handle;

- a music chip pre-programmed with music, a beat track or sounds, disposed within said first handle;

- at least one battery as a power source for said music chip and said light emitting diodes, disposed within said first handle;

- a control circuit disposed in said first handle for controlling said power source to said music chip and said light emitting diodes, disposed within said first handle; and

- an on/off switch disposed in said first handle for controlling said power source to said control circuit, such that current from said power source through said control circuit drives said music chip and said speaker to play said pre-programmed music, beat track or sounds from said jump rope and such that current from said power source through said control circuit drives said light emitting diodes to emit light to illuminate said jump rope.

2. The musical and illuminating jump rope of claim 1 further comprising

- a printed circuit board disposed within said first handle, said music chip, said speaker, said control circuit and said on/off switch being disposed on said printed circuit board.

3. The musical and illuminating jump rope of claim 1 further comprising

- a hatch on said first handle, said at least one battery being replaceable through said hatch.

4. The musical and illuminating jump rope of claim 1 further comprising
a hatch on said first handle, said music chip being replaceable through said hatch.
5. The musical and illuminating jump rope of claim 1 further comprising
a battery compartment disposed within said first handle for holding said at least one
battery.
6. The musical and illuminating jump rope of claim 1 further comprising
a first wire and a second wire electrically connected said plurality of light emitting diodes
in said tubing element to said control circuit in said first handle.

7. A musical and illuminating jump rope, comprising:

- a first handle;
- a second handle;
- a hollow flexible tubing element formed of a light transmissive material, said tubing element connected between said first and second handles;
- a plurality of light emitting diodes spaced and positioned within said tubing element;
- a speaker disposed within said first handle;
- a music chip pre-programmed with music, a beat track or sounds, disposed within said first handle;
- a first hatch on said first handle, said music chip being replaceable through said first hatch;
- at least one battery as a power source for said music chip and said light emitting diodes, disposed within said first handle;
- a battery compartment disposed within said first handle for holding said at least one battery;
- a second hatch on said first handle, said at least one battery being replaceable through said second hatch;
- a control circuit disposed in said first handle for controlling said power source to said music chip and said light emitting diodes, disposed within said first handle;
- an on/off switch disposed in said first handle for controlling said power source to said control circuit, such that current from said power source through said control circuit drives said music chip and said speaker to play said pre-programmed music, beat track or sounds from said jump rope and such that current from said power source through said control circuit drives said light emitting diodes to emit light to illuminate said jump rope, and
- a printed circuit board disposed within said first handle, said music chip, said speaker, said control circuit and said on/off switch being disposed on said printed circuit board.

8. A musical and illuminating jump rope, comprising:
- a first handle;
 - a second handle;
 - a hollow flexible tubing element formed of a light transmissive material, said tubing element connected between said first and second handles;
 - a plurality of light emitting diodes spaced and positioned within said tubing element;
 - a speaker disposed within said first handle;
 - a music chip pre-programmed with music, a beat track or sounds, disposed within said first handle;
 - at least one battery as a power source for said music chip and said light emitting diodes, disposed within said first handle;
 - a control circuit disposed in said first handle for controlling said power source to said music chip and said light emitting diodes, disposed within said first handle; and
 - a first on/off switch disposed in said first handle for controlling said power source from said control circuit to said music chip driving said music chip and said speaker to play said pre-programmed music, beat track or sounds from said jump rope; and
 - a second on/off switch disposed in said first handle for controlling said power source from said control circuit to said light emitting diodes driving said light emitting diodes to emit light to illuminate said jump rope.
9. The musical and illuminating jump rope of claim 8 further comprising
- a printed circuit board disposed within said first handle, said music chip, said speaker, said control circuit and said first and second on/off switches being disposed on said printed circuit board.
10. The musical and illuminating jump rope of claim 8 further comprising
- a hatch on said first handle, said at least one battery being replaceable through said hatch.
11. The musical and illuminating jump rope of claim 8 further comprising
- a hatch on said first handle, said music chip being replaceable through said hatch.

12. The musical and illuminating jump rope of claim 8 further comprising
a battery compartment disposed within said first handle for holding said at least one battery.
13. The musical and illuminating jump rope of claim 8 further comprising
a first wire and a second wire electrically connected said plurality of light emitting diodes in said tubing element to said control circuit in said first handle.